GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:3301
ANSWERED ON:13.08.2001
IRRIGATION THROUGH GROUND WATER
PRAHLAD SINGH PATEL

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government have any data pertaining to irrigation through ground water and surface resources like dams and rivers in the country;

(b) if so, the details thereof, State-wise;

(c) whether it has led to fall in the ground water level; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SMT. BIJOYA CHAKRAVARTY)

(a) & (b)State-wise details of creation of irrigation potential vis- Ã -vis ultimate irrigation potential through surface and ground water sources are given in Annexure-I.

(c) & (d) The long-term observations made by the Central Ground Water Board have shown a situation of fall in the level of ground water in certain parts of the country. The names of the districts having pockets where fall in the ground water level for more than 4 metre (1981 − 2000) has been observed in different States is given in Annexure-II.

ANNEXURE-I

REFERENCE LOK SABHA UNSTARRED QUESTION NO. 3301 DATED 13.08.2001
STATE-WISE ULTIMATE IRRIGATION POTENTIAL AND CREATED IRRIGATION POTENTIAL

(In Thousand Hectares)

Sl.No.	Name of States/UTs	Ultimate Irrigation Potential (UIP)			Potential Created (IPC) upto 1996-97(End of VIII Plan)			IPC as % of UIP
		Major & Medium	Minor	Grand Total	Major & Medium	Minor	Grand Total	
1	Andhra Pradesh	5000.0	2300.0	7300.0	3960.0	2901.8	6861.8	93.99
2	Arunachal Pradesh	0.00	150.00	150.00	18.00	2.00	20.00	13.33
3	Assam	970.00	1000.0	1970.00	900.00	200.00	1100.00	55.84
4	Bihar	6500.0	1900.0	8400.0	4947.0	4365.0	9312.0	110.86
5	Goa	62.00	25.00	87.00	29.00	2.00	31.00	35.63
6	Gujarat	3000.0	347.00	3347.0	2756.0	1790.0	4546.0	135.82
7	Haryana	3000.0	50.00	3050.0	1462.0	1544.0	3006.0	98.56
8	Himachal Pradesh	50.00	235.00	285.00	68.00	16.00	84.00	29.47
9	Jammu & Kashmir	250.00	400.00	650.00	708.00	10.00	718.00	110.46
10	Karnataka	2500.0	900.00	3400.0	2574.0	788.00	3362.0	98.88

11	Kerala	1000.0	800.00	879.00	1679.0	2679.00	513.31	431.12	142.00	573.12	1086.43	40.55
0	0											
12	Madhya Pradesh	6000.0	2200.0	9732.0	11932.	17932.0	2317.60	1142.5	1515.0	2657.5	4975.12	27.74
0	0	0	00	0	2	0	2					
13	Maharashtra	4100.0	1200.0	3652.0	4852.0	8952.00	2313.00	984.20	1635.0	2619.2	4932.20	55.10
0	0	0	0			0	0					
14	Manipur	135.00	100.00	369.00	469.00	604.00	63.00	59.39	1.00	60.39	123.39	20.43
15	Meghalaya	20.00	85.00	63.00	148.00	168.00	0.00	36.55	9.00	45.55	45.55	27.11
16	Mizoram	0.00	70.00	0.00	70.00	70.00	0.00	12.73	0.00	12.73	12.73	18.19
17	Nagaland	10.00	75.00	0.00	75.00	85.00	0.00	66.24	1.00	67.24	67.24	79.11
18	Orissa	3600.0	1000.0	4203.0	5203.0	8803.00	1557.75	656.47	701.00	1357.4	2915.22	33.12
0	0	0	0				7					
19	Punjab	3000.0	50.00	2917.0	2967.0	5967.00	2512.85	-29.83	3384.0	3354.1	5867.02	98.32
0	0	0				0	7					
20	Rajasthan	2750.0	600.00	1778.0	2378.0	5128.00	2273.88	372.24	2049.0	2421.2	4695.12	91.56
0	0	0				0	4					
21	Sikkim	20.00	50.00	0.00	50.00	70.00	0.00	26.23	0.00	26.23	26.23	37.47
22	Tamil Nadu	1500.0	1200.0	2832.0	4032.0	5532.00	1545.51	800.22	1315.0	2115.2	3660.73	66.17
0	0	0	0			0	2					
23	Tripura	100.00	100.00	81.00	181.00	281.00	2.30	71.58	21.00	92.58	94.88	33.77
24	Uttar Pradesh	12500.	1200.0	16799.	17999.	30499.0	7059.00	961.00	22634.	23595.	30654.0	100.51
00	0	00	00	0		00	00	0				
25	West Bengal	2300.0	1300.0	3318.0	4618.0	6918.00	1444.08	1356.3	1861.0	3217.3	4661.45	67.38
0	0	0	0		7	0	7					
Total States		58367.	17337.	64045.	81382.	139749.	32938.6	10826.	45663.	56489.	89428.5	63.99
00	00	00	00	00	3	92	00	92	5			
Total UTs		98.00	41.00	5.00	46.00	144.00	18.51	48.91	63.00	111.91	130.42	90.57
GRAND TOTAL		58465.	17378.	64050.	81428.	139893.	32957.1	10875.	45726.	56601.	89558.9	64.02
00	00	00	00	00	4	83	00	83	7			

ANNEXURE-II

REFERENCE LOK SABHA UNSTARRED QUESTION NO. 3301 DATED 13.08.2001

NAME OF THE STATE/UT/DISTRICT HAVING POCKETS WITH FALL IN GROUND WATER LEVEL OF MORE THAN 4 METRE (1981-2000)

STATE	FALL IN WATER LEVEL
ANDHRA PRADESH	Adilabad, Ananthapur, Chittoor, Cuddapah, East Godavari, Guntur, Hyderabad, Karimnagar, Khammam, Krishna, Kurnool, Mahabubnagar, Medak, Nalgonda, Nellore, Nizamabad, Prakasam, Rangareddi, Srikakulam, Vizianagaram, Visakhapatnam, Warangal, West Godavari.
BIHAR (including Jharkhand)	Dhanbad, Purb Singhbhum, Darbhanga
CHHATTISGARH	Bastar, Bilaspur, Durg, Raigarh, Raipur, Rajnandgaon, Satna, Sidhi.
GUJARAT	Ahmedabad, Amreli, Banaskantha, Bharuch, Bhavnagar, Jamnagar, Junagadh, Kheda, Kutch, Mehsana, Rajkot, Surat, Surendranagar.
HARYANA	Ambala, Bhiwani, Faridabad, Gurgaon, Hisar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panipat, Rewari, Rohtak, Sonepat, Yamunanagar.
KARNATAKA	Bangalore (Rural), Bellary, Belgaum, Bidar, Bagalkot, Bijapur, Chitradurga, Devangiri, Dharwar, Gadag, Gulbarga, Haveri, Hassan, Kolar, Mysore, Chamarajanagar, Raichur, Shimoga, Kapol, Tumkur, Uttara Kannada.
MADHYA PRADESH	Betul, Bhind, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Guna, Gwalior, Indore, Jabalpur, Katni, Khandawa, Khargone, Mandsaur, Morena, Narsingpur, Neemuch, Panna, Raisen, Raigarh, Ratlam, Sagar, Sehore, Shajapur, Shivpuri, Ujjain, Vidisha.
MAHARASHTRA	Ahmednagar, Akola, Beed, Bombay, Dhule, Gadchiroli, Kolhapur, Nanded, Nashik, Osmanabad, Amravati, Aurangabad, Bhandara, Buldhana, Chandrapur, Jalgaon, Jalna, Latur, Nagpur, Parbhani, Pune, Ratnagiri,

	Sangli, Sindhudurg, Thane, Satara, Solapur, Wardha, Yavatmal
ORISSA	Angul, Balasore, Bargarh, Bolangir, Dhenkanal, Gajapati, Ganjam, Jajpur, Kalahandi, Keonjhar, Khurda, Koraput, Malkangiri, Mayurbhanja, Nawapara, Nawarangpur, Sundargarh, Suvarnapur.
PUNJAB	Amritsar, Bathinda, Fatehgarh, Firozepur, Jalandhar, Kapurthala, Ludhiana, Moga, Nawan Shehar, Patiala, Ropar, Sangrur.
RAJASTHAN	Ajmer, Alwar, Bhilwara, Dungarpur, Ganganagar, Jaipur, Jaisalmer, Jhalawar, Jhunjhunu, Jodhpur, Nagaur, Pali, Rajsamand, Sikar, Udaipur
TAMIL NADU	Coimbatore, Cuddalore, Dharmapuri, Kancheepuram, Kanyakumari, Madras, Pudukottai, Sivagangai, Tanjavur, Theni, Tirunelveli, Thiruvallur, Tiruvannamalai, Thiruvarur, Tuticorin .
UTTAR PRADESH (including Uttaranchal	Agra, Aligarh, Allahabad, Budaun, Bijnor, Bulandshahar, Etah, Etawah, Farrukhabad, Fatehpur, Ghaziabad, Hardoi, Kanpur, Lucknow, Mathura, Meerut, Moradabad, Rai Bareli, Saharanpur, Unnao.
WEST BENGAL	Bankura, Bardhaman, Medinipur, N-24 Parganas, Purulia.
NCT OF DELHI	Mehrauli, Najafgarh and City block.
PONDICHERRY	Pondicherry